MATERIAL SAFETY DATA SHEET

FEB 01 1982

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DATE OF PREP JULY 30, 1980

Section I

MANUFACTURER'S NAME BOSTIK WEST, DIV. OF USM CORPORATION, AN EMHART UNIT

STREET ADDRESS 20846 So. Normandie Ave. CITY, STATE, AND ZIP CODE Torrance, Ca. 90502

EMERGENCY TELEPHONE NO. (213) 320-6800

PRODUCT CLASS AMINE

MANUFACTURERS CODE IDENTIFICATION CA-118

TRADE NAME BOSTIK

Catalyst for: 453-3-Series, 463-3-Series, 463-3-8, 454-3-Series Mix Ratio: 3 pts. base to 1 pt. CA-118

Section II — HAZARDOUS INGREDIENTS

by volume

INGREDIENT CA-118 EPOXY CATALYST*	PERCENT (Wt.)	TLV PPM	TLV mg/M³	LEL	VAPOR PRESSURE mm Hg.
KETONE SOLVENTS	45-50	200		1.56	70.0
ALCOHOL SOLVENTS	20-25	100		1.7	4.0
GLYCOL ETHER SOLVENTS	10-15	50		1.1	1.0
AROMATIC SOLVENTS	< 5.0	200		1.2	22.0
*CA-118 may also contain a minor amount of diethylene triamine (DETA) A.C.G.I.H. TWA - - - - - - -	- - - -	- 1.0			

Section III — PHYSICAL DATA

BOILING RANGE 176-340 Deg. F.

VAPOR DENSITY [XX] HEAVIER [ ] LIGHTER THAN AIR

EVAPORATION RATE [ ] FASTER [XX] SLOWER THAN ETHER

PERCENT VOLATILE BY VOLUME 87%

WEIGHT PER GALLON 7.0 lbs.

Section IV — FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY Red label, Flammable

FLASH POINT (min.) 23 Deg. F., Tag Closed Cup

LEL 1.1

EXTINGUISHING MEDIA

Exclude air - Use foam, CO_2, steam, water-fog, dry chemicals. Do not use water.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Vapor forms explosive mixture with air between upper and lower explosion limits.

SPECIAL FIRE FIGHTING PROCEDURES

Do not use water, exclude air, use water spray to cool fire explosed surfaces and to protect personnel.

Section V — HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II

EFFECTS OF OVEREXPOSURE Headache, nausea, dizziness. Breathing vapor will be irritating to nose, throat, and eyes.

EMERGENCY AND FIRST AID PROCEDURES Skin Exposure: Wash affected area with soap and water.
Exposure: Flush with water for at least 15 minutes, consult physician.
Ingestion: Consult physician immediately.
Inhalation: Remove victim to fresh air, consult physician.

Section VI — REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE CONDITIONS TO AVOID Storage at high temperatures.

INCOMPATABILITY (*Materials to avoid*) Strong oxidizing agents, Inorganic acids Sparks & Open Flam

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO_2, Oxides of nitrogen.

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS TO AVOID None

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Eliminate sources of ignition and clear fumes from area. Prevent liquid from entering sewers, water sources, or low areas. Keep unnecessary personnel away. Shut off source, if possible to do so without hazard. Contain spilled liquid with sawdust or oil absorbing compound. Wash area with detergent & water. Consult disposal expert and ensure conformity with local regulations.

WASTE DISPOSAL METHOD

Section VIII — SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Use approved respiratory protection such as an air-supplied mask if used in non ventilated area.

Mechanical: Explosion-proof ventilation equipment. No smoking or open lights.

VENTILATION Face velosity > 60 fpm in confined area.

PROTECTIVE GLOVES Chemically resistant gloves

EYE PROTECTION Chemical splash goggles or face shield

OTHER PROTECTIVE EQUIPMENT Eye bath & safety shower.

Section IX — SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

aterial is sensitive to moisture and should be kept in tightly closed containers
o not handle or store near flame, heat or strong oxidants. Adequate ventilation
required. Containers of this product may be hazardous when emptied
- these containers retain product residues (vapor, liquid, etc.)

OTHER PRECAUTIONS

ll handling equipment should be electrically grounded. Treat as a very
lammable liquid.

Kenneth J. Silberberg
Technical Advisor